

FIG. 1



Sony-Mode*

- 1) Phase sequence: I N A C
- 2) Maximum transmission: $I=I_0 * \sin^2(2\Theta)$
- 3) Symmetric to polarity change
- 4) layer angle = tilt angle
- monostable position parallel to layer normal (projection on glass plate)
- 6) angle between N-phase director and smectic layer normal is essentially Zero.

[*] Nito, K.,

Present Invention

Phase sequence:

Maximum transmission:

 $I=I_0 * \sin^2(4\theta)$

Asymmetric to polarity change

independent on tilt angle

monostable position at $ca. \theta$ to layer normal (projection on glass plate)

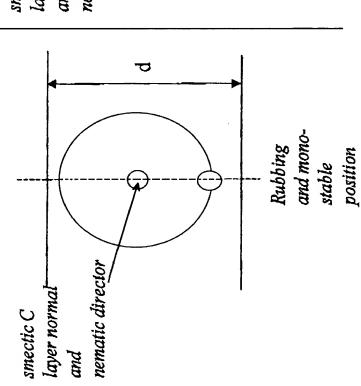
6) angle between N-phase director and smectic layer normal is approximately θ.

Director Configuration

ALL MADEMAST

AU6 2 7 2003

Sony-Mode*



Present Invention

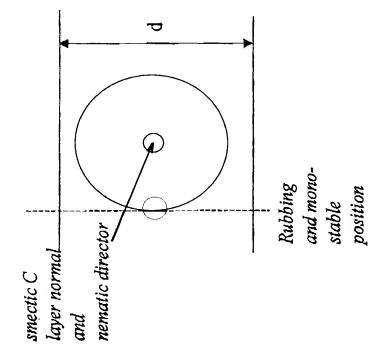


FIG. 3



Response to Pulses

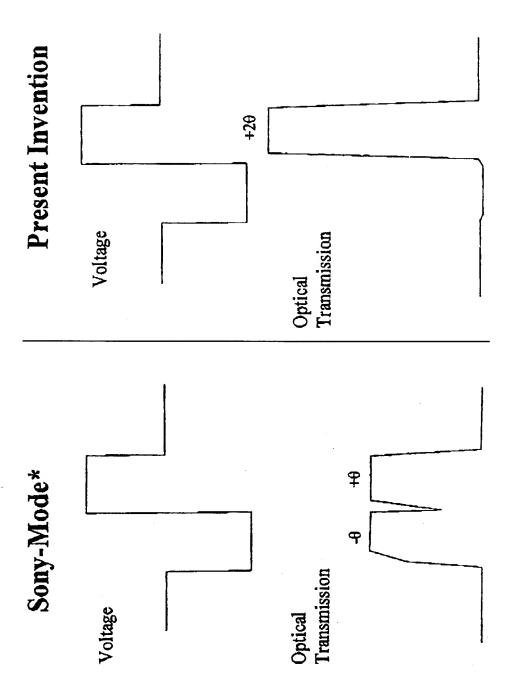


FIG. 4